Sectt. 12G1—50,000—22-11-42

Dev 1944 **Department**

Agri M — 193 **SERIES.**

G.O. No. 4798

Dated 8.11.44

[Despatch Abstract.]

Stores. Agriculture - Ery farms, Station Hagari - Breakdown of a No oil Engine - Disposal by public auction - Sanctioned

C.F. 32 (a).

DEV 63267 A

30.10.44

AGRICULTURAL Department

From (Name)	Rao Bahadur B. Viswanath,	To	
Designation	M.I.E., D.Sc., F.I.C., Director of Agriculture,	The	Additional Secretary to Government, Development Department.
Station	Madras.		

Received ..... Registered .....

Enclosures

No. A-7.2311/44 dated 27th October 1944.

Sir,

Sub: Write off - defect - oil engine at the Agricultural Research Station, Bellary.

...

The 10 B.H.P. National Oil Engine(closed type) attached to the centrifugal pump at the Agricultural Research Station Hagari (Bellary) broke down suddenly in the circumstances explained below:

On 4-9-44 at about 11-15 A.M. there was a sudden loud noise in the engine and the attending driver immediately cut off oil. The engine ran for 2 revolutions and stopped. The engine was opened immediately and examined. It was found that the big end bearings broke and serious damage was caused to the inside of the engine. The Mr. Farming Development Officer called in the Supervisor of Industries, Bellary for expert

examination of the engine and to see what repairs could be done to bring it under working order. A copy of his report is enclosed.

2. As explained in the report the repairs and replacements would cost so much that it would be more economical to purchase a new engine. As the damage was purely accidental and as none can be held responsible for it, I request that Government be pleased to condemn the engine which was purchased in 1938 for Rs.1,606 and to permit its disposal by public auction. I shall intimate in due course the difference between the book value and the value realised, which will have to be written off the accounts.

Your obedient servant,

for DIRECTOR OF AGRICULTURE.

n.n. 28-10-44.

ellary
15-9-194

From
Sri [illegible] Dorai
Supervisor of Industries .
Hellary.

To
The Dry-farming Development
Officer,
Hagari.

Ref:- Your No.B.303/44,dated 4-9-1944
Sub:- Inspection report of the National Oil Engine on the Farm

Sir,

The following is my inspection report about the cause of the accident to the 10 B.H.P. National Oil Engine attached to the 4" centrifugal pump on the Hagari Research farm.

From a careful examination of the damaged parts of the engine I have come to conclusion that one of the big end bolts head has first snapped due to fatigue of metal of which it is made. When the head of the bolt was snapped the grip of the big end bearing on the crank journal became loose, having all the force on the other bolt. Ultimately this bolt also was broken. The big end bearing, the bolt and the connecting rod, clinging loose on the crank were in motion for a short period until the driver came and shut off the fuel on hearing the sound in the engine. During this short period, the engine was in motion the loose connecting rod with broken bearing, have caused damages beyond repairs to the following parts on the path of their movement besides causing irrepairable damages to themselves.

This is purely an accident and no body can be responsible for this.

(1) The chamber cast in the body of the engine for holding lubricating oil just below the crank has been knocked out into pieces from its foundation.

(2) The bottom portion of the mouth of the cylinder is broken rendering the liner useless.

(3) The top cast iron cover of the engine is cracked.

(4) The big end of the connecting rod is bent, which can not be set right with accuracy.

(5) Both the big end bearing bolts are twisted out of shape.

(6) The big end bearing is broken into pieces.

(7) Deep dents have been made on the crank journal. If tried to eliminate them by turning on a lathe will reduce its strength.

On the whole, the engine has to be condemned because the repairs and the replacements cost will amount very near to the cost of a new engine. Not only that the engine will be a source of trouble and anxiety with the above parts if they are to be adjusted again by repairs

Subj Stores - Agriculture — Dry Farming Station Hagari — Breakdown of a National oil engine disposal by Public auction — Sanctioned

From the D A - No. ~~6326/A~~ B. 3. 18 11/44 dated 27. 10. 44.

Order (MS) No. 4798 dated 8. 11. 44.

The circumstances explained by the D. A. in his letter cited above is accorded to the disposal by public auction sale of the National oil engine attached to the centrifugal pump at the Dry Farming Sta Hagari which is reported to have suddenly broken down as a result of accident and which is declared to be irreparable without involving much cost by the Supervisor of Industries Bellary

To the D. A.
" A. G.
Accts. Offr.

Note: Secy. dept. may see before issue. DL.
The present report answers ~~the~~ item 3 of GOM 4589 Dev & Secret

Dev No 6326
A II/44-1

May be passed and returned
4.11.44

4. 11. 44

Dev Dept

May issue

S5231

[Issued as GO M.S. - 4798 Dev/8-11-44]

Fin. No 58688

65516

Agricultural Department.

From
Rao Bahadur B.Viswa Nath,
C.I.E., D.Sc., F.I.C.,
Director of Agriculture,
Triplicane, Madras.

To
The Additional Secretary to
Government, Development
Department.

No.B.3.1811/44 dated 4th November 1944.

Sir,

Sub: Stores - Agriculture - Oil engine at the Dry Farming Station, Hagari - Write off of difference in value.

Ref: para 3 of G.O.No.Ms.4569 Development dated 26th October 1944.

A separate report about the National Oil Engine was submitted in my letter No.B.3.1811/44 dated 27th October 1944 and orders for disposal of the same asked for.

Your obedient servant,

for DIRECTOR OF AGRICULTURE.

S.G. 6-11-P.